

#5

FILING DECLARATION  
AND POWER OF ATTORNEY

Navy Case 78,824

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **METHOD AND APPARATUS FOR MODELING COSMIC RAY EFFECTS ON MICROELECTRONICS**, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a), including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim priority benefits under 35 United States Code Section 119 (e) for any provisional application listed below and have also identified below the priority date of filing of the provisional application which is before the filing date of the application for which this priority is claimed.

Prior Provisional Applications

Priority Claimed

Number

Day/Month/Year Filed

Yes

No

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign applications for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Filing Date	Priority (Yes/No)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Appl. Serial No.	U.S. Filing Date	Status (patented/pending/abandoned)

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the registered practitioners in the office of Associate Counsel, Intellectual Property for Naval Research Laboratory, Washington DC associated with Customer Number 26384 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and hereby certify that the Government of the United States has the irrevocable right to prosecute this application. Direct all correspondence to that Customer Number.

<b>SEND CORRESPONDENCE TO:</b> Associate Counsel (Patents), Code 1008.2 Naval Research Laboratory Washington, D.C. 20375-5000	<b>DIRECT TELEPHONE CALLS TO:</b> Attorney Name: JANE BARROW Reg. No. 34,217 (202)404-1551
--	---

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF JOINT INVENTOR 1: JAMES H. ADAMS, JR.

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: HUNTSVILLE, AL

CITIZENSHIP: USA

POST OFFICE ADDRESS: 13021 HUNTCLIFF ROAD, HUNTSVILLE, AL 35803

FULL NAME OF JOINT INVENTOR 2: PAUL R. BOBERG

INVENTOR'S SIGNATURE: Paul R. BobergDATE: 7-22-02

RESIDENCE: VALENCIA, CA

CITIZENSHIP: USA

POST OFFICE ADDRESS: 27338 BRIGHTON DRIVE, VALENCIA, CA 91354

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APR 25 2003

PETITIONS OFFICE

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FILING DECLARATION  
AND POWER OF ATTORNEY

Navy Case 78,824

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **METHOD AND APPARATUS FOR MODELING COSMIC RAY REFLECTOR ON MICROELECTRONICS**, the specification of which is attached hereto. I hereby state that I have reviewed and understood the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, 1.56(a), including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of this continuation-in-part application. I hereby claim priority benefits under 35 United States Code Section 119 (a) for any provisional application filed below and have also identified below the priority date of filing of the provisional application which is before the filing date of the application for which this priority is claimed.

Prior Provisional Applications

Priority Claimed

Number

Day/Month/Year Filed

Yes

No

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign applications for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Number	Country	Filing Date	Priority (Yes/No)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States applications filed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Appl. Serial No.	U.S. Filing Date	Status (patented/pending/abandoned)

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the registered practitioners in the office of Associate Counsel, Intellectual Property for Naval Research Laboratory, Washington DC associated with Customer Number 20384 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and hereby certify that the Government of the United States has the irrevocable right to prosecute this application. Direct all correspondence to that Customer Number.

SEND CORRESPONDENCE TO:  
Associate Counsel (Patents), Code 1008.2  
Naval Research Laboratory  
Washington, D.C. 20375-5000

DIRECT TELEPHONE CALLS TO:  
Attorney Name: JANE BARKOW  
Reg. No. 34,217  
(202) 404-1551

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF JOINT INVENTOR 1: JAMES H. ADAMS, JR

INVENTOR'S SIGNATURE: James H. Adams Jr

DATE: July 12, 2002

RESIDENCE: HUNTSVILLE, AL

CITIZENSHIP: USA

POST OFFICE ADDRESS: 13021 HUNTCREEK ROAD, HUNTSVILLE, AL 35891

FULL NAME OF JOINT INVENTOR 2: PAUL H. BODEIG

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: VALENCIA, CA

CITIZENSHIP: USA

POST OFFICE ADDRESS: 27135 MIGHTON DRIVE, VALENCIA, CA 91354

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FILING DECLARATION  
AND POWER OF ATTORNEY

Navy Case 78,824

FULL NAME OF JOINT INVENTOR 3: BRUCE A. BROWNSTEIN

INVENTOR'S SIGNATURE: Bruce A. BrownsteinDATE: 1/3/02

RESIDENCE: OXON HILL, MD

CITIZENSHIP: USA

POST OFFICE ADDRESS: 7402 OXON HILL ROAD, OXON HILL, MD 20745

FULL NAME OF JOINT INVENTOR 4: WILLIAM F. DIETRICH

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: PROSPECT HEIGHTS, IL

CITIZENSHIP: USA

POST OFFICE ADDRESS: 13 SOUTH PARKWAY, PROSPECT HEIGHTS, IL 60070

FULL NAME OF JOINT INVENTOR 5: ERWIN O. FLUECKIGER

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: SWITZERLAND

CITIZENSHIP: SWITZERLAND

POST OFFICE ADDRESS: HALLERSTRASSE 50, CH-3012 BERN, SWITZERLAND

FULL NAME OF JOINT INVENTOR 6: EDWARD L. PETERSEN

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: FAIRFAX, VA

CITIZENSHIP: USA

POST OFFICE ADDRESS: 9502 BABSON COURT, FAIRFAX, VA 22032-2001

FULL NAME OF JOINT INVENTOR 7: MARGARET A. SHEA

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: NASHUA, NH

CITIZENSHIP: USA

POST OFFICE ADDRESS: 100 TENNYSON AVENUE, NASHUA, NH 03062-2535

FULL NAME OF JOINT INVENTOR 8: DON F. SMART

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: NASHUA, NH

CITIZENSHIP: USA

POST OFFICE ADDRESS: 100 TENNYSON AVENUE, NASHUA, NH 03062-2535

FULL NAME OF JOINT INVENTOR 9: EDWARD C. SMITH

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: OCEANSIDE, CA

CITIZENSHIP: USA

POST OFFICE ADDRESS: 3724 SOUTHRIDGE WAY, OCEANSIDE, CA 92056

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AND POWER OF ATTORNEY

Navy Case 78.824

FULL NAME OF JOINT INVENTOR 3: BUDDY BROWNSTEIN

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: OXON HILL, MD

CITIZENSHIP: USA

POST OFFICE ADDRESS: 7402 OXON HILL ROAD, OXON HILL, MD 20745

FULL NAME OF JOINT INVENTOR 4: WILLIAM F. DETRICH

INVENTOR'S SIGNATURE: William F. DetrichDATE: July 18 2002

RESIDENCE: PROSPECT HEIGHTS, IL

CITIZENSHIP: USA

POST OFFICE ADDRESS: 13 SOUTH PARKWAY, PROSPECT HEIGHTS, IL 60070

FULL NAME OF JOINT INVENTOR 5: ERWIN O. FLUECKIGER

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: SWITZERLAND

CITIZENSHIP: SWITZERLAND

POST OFFICE ADDRESS: HALLERSTRASSE 50, CH-3012 BERN, SWITZERLAND

FULL NAME OF JOINT INVENTOR 6: EDWARD L. PETERSEN

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: FAIRFAX, VA

CITIZENSHIP: USA

POST OFFICE ADDRESS: 2502 BABSON COURT, FAIRFAX, VA 22033-2001

FULL NAME OF JOINT INVENTOR 7: MARGARET A. SHUA

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: NASHUA, NH

CITIZENSHIP: USA

POST OFFICE ADDRESS: 100 TENNYSON AVENUE, NASHUA, NH 03062-2535

FULL NAME OF JOINT INVENTOR 8: DONALD F. SMART

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: NASHUA, NH

CITIZENSHIP: USA

POST OFFICE ADDRESS: 100 TENNYSON AVENUE, NASHUA, NH 03062-2535

FULL NAME OF JOINT INVENTOR 9: EDWARD C. SMITH

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: OCEANSIDE, CA

CITIZENSHIP: USA

POST OFFICE ADDRESS: 1724 SOUTHRIDGE WAY, OCEANSIDE, CA 92056

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Navy Case 78.824

FULL NAME OF JOINT INVENTOR 3: BUDDY BROWNSTEIN

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: OXON HILL, MD

CITIZENSHIP: USA

POST OFFICE ADDRESS: 7403 OXON HILL ROAD, OXON HILL, MD 20745

FULL NAME OF JOINT INVENTOR 4: WILLIAM F. DIETRICH

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: PROSPECT HEIGHTS, IL

CITIZENSHIP: USA

POST OFFICE ADDRESS: 13 SOUTH PARKWAY, PROSPECT HEIGHTS, IL 60070

FULL NAME OF JOINT INVENTOR 5: ERWIN O. FLUECKIGER

INVENTOR'S SIGNATURE: Erwin FlueckigerDATE: 22 July 2002

RESIDENCE: SWITZERLAND

CITIZENSHIP: SWITZERLAND

POST OFFICE ADDRESS: HALLERSTRASSE 50, CH-3012 BERN, SWITZERLAND

FULL NAME OF JOINT INVENTOR 6: EDWARD L. PETERSEN

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: FAIRFAX, VA

CITIZENSHIP: USA

POST OFFICE ADDRESS: 9502 BABSON COURT, FAIRFAX, VA 22032-2001

FULL NAME OF JOINT INVENTOR 7: MARGARET A. SHEA

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: NASHUA, NH

CITIZENSHIP: USA

POST OFFICE ADDRESS: 100 TENNYSON AVENUE, NASHUA, NH 03062-2535

FULL NAME OF JOINT INVENTOR 8: DONALD F. SMART

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: NASHUA, NH

CITIZENSHIP: USA

POST OFFICE ADDRESS: 100 TENNYSON AVENUE, NASHUA, NH 03062-2535

FULL NAME OF JOINT INVENTOR 9: EDWARD C. SMITH

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: OCEANSIDE, CA

CITIZENSHIP: USA

POST OFFICE ADDRESS: 3724 SOUTHRIDGE WAY, OCEANSIDE, CA 92056

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Navy Case 78,824

FULL NAME OF JOINT INVENTOR 3: BUDDY BROWNSTEIN

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: OXON HILL, MD

CITIZENSHIP: USA

POST OFFICE ADDRESS: 7402 OXON HILL ROAD, OXON HILL, MD 20745

FULL NAME OF JOINT INVENTOR 4: WILLIAM F. DIETRICH

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: PROSPECT HEIGHTS, IL

CITIZENSHIP: USA

POST OFFICE ADDRESS: 13 SOUTH PARKWAY, PROSPECT HEIGHTS, IL 60070

FULL NAME OF JOINT INVENTOR 5: ERWIN O. FLUECKIGER

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: SWITZERLAND

CITIZENSHIP: SWITZERLAND

POST OFFICE ADDRESS: HALLERSTRASSE 50, CH-3012 BERN, SWITZERLAND

FULL NAME OF JOINT INVENTOR 6: EDWARD L. PETERSEN

INVENTOR'S SIGNATURE: Edward L. PetersenDATE: Aug 9, 2002

RESIDENCE: FAIRFAX, VA

CITIZENSHIP: USA

POST OFFICE ADDRESS: 9502 BABSON COURT, FAIRFAX, VA 22032-2001

FULL NAME OF JOINT INVENTOR 7: MARGARET A. SHEA

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: NASHUA, NH

CITIZENSHIP: USA

POST OFFICE ADDRESS: 100 TENNYSON AVENUE, NASHUA, NH 03062-2535

FULL NAME OF JOINT INVENTOR 8: DON F. SMART

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: NASHUA, NH

CITIZENSHIP: USA

POST OFFICE ADDRESS: 100 TENNYSON AVENUE, NASHUA, NH 03062-2535

FULL NAME OF JOINT INVENTOR 9: EDWARD C. SMITH

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: OCEANSIDE, CA

CITIZENSHIP: USA

POST OFFICE ADDRESS: 3724 SOUTHRIDGE WAY, OCEANSIDE, CA 92056

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FULL NAME OF JOINT INVENTOR 3: BUDDY BROWNSTEIN

INVENTOR'S SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

RESIDENCE: OXON HILL, MD

CITIZENSHIP: USA

POST OFFICE ADDRESS: 7402 OXON HILL ROAD, OXON HILL, MD 20745

FULL NAME OF JOINT INVENTOR 4: WILLIAM F. DIETRICH

INVENTOR'S SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

RESIDENCE: PROSPECT HEIGHTS, IL

CITIZENSHIP: USA

POST OFFICE ADDRESS: 13 SOUTH PARKWAY, PROSPECT HEIGHTS, IL 60070

FULL NAME OF JOINT INVENTOR 5: ERWIN O. FLUECKIGER

INVENTOR'S SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

RESIDENCE: SWITZERLAND

CITIZENSHIP: SWITZERLAND

POST OFFICE ADDRESS: HAUPTSTRASSE 50, CH-3013 BERN, SWITZERLAND

FULL NAME OF JOINT INVENTOR 6: EDWARD L. PETERSEN

INVENTOR'S SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

RESIDENCE: FAIRFAX, VA

CITIZENSHIP: USA

POST OFFICE ADDRESS: 9502 BABSON COURT, FAIRFAX, VA 22032-2001

FULL NAME OF JOINT INVENTOR 7: MARGARET A. SHEA

INVENTOR'S SIGNATURE: Margaret A. Shea DATE: 23 July 2002

RESIDENCE: NASHUA, NH

CITIZENSHIP: USA

POST OFFICE ADDRESS: 100 TENNYSON AVENUE, NASHUA, NH 03062-2535

FULL NAME OF JOINT INVENTOR 8: DON F. SMART

INVENTOR'S SIGNATURE: Don F. Smart DATE: 23 July 2002

RESIDENCE: NASHUA, NH

CITIZENSHIP: USA

POST OFFICE ADDRESS: 100 TENNYSON AVENUE, NASHUA, NH 03062-2535

FULL NAME OF JOINT INVENTOR 9: EDWARD C. SMITH

INVENTOR'S SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

RESIDENCE: OCEANSIDE, CA

CITIZENSHIP: USA

POST OFFICE ADDRESS: 3724 SOUTHRIDGE WAY, OCEANSIDE, CA 92056

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FULL NAME OF JOINT INVENTOR 3: BUDDY BROWNSTEIN

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: OXON HILL, MD

CITIZENSHIP: USA

POST OFFICE ADDRESS: 7402 OXON HILL ROAD, OXON HILL, MD 20745

FULL NAME OF JOINT INVENTOR 4: WILLIAM F. DIETRICH

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: PROSPECT HEIGHTS, IL

CITIZENSHIP: USA

POST OFFICE ADDRESS: 13 SOUTH PARKWAY, PROSPECT HEIGHTS, IL 60070

FULL NAME OF JOINT INVENTOR 5: ERWIN O. FLUECKIGER

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: SWITZERLAND

CITIZENSHIP: SWITZERLAND

POST OFFICE ADDRESS: HALLERSTRASSE 50, CH-3012 BERN, SWITZERLAND

FULL NAME OF JOINT INVENTOR 6: EDWARD L. PETERSEN

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: FAIRFAX, VA

CITIZENSHIP: USA

POST OFFICE ADDRESS: 9502 BABSON COURT, FAIRFAX, VA 22032-2011

FULL NAME OF JOINT INVENTOR 7: MARGARET A. SHEA

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: NASHUA, NH

CITIZENSHIP: USA

POST OFFICE ADDRESS: 100 TENNYSON AVENUE, NASHUA, NH 03062-2535

FULL NAME OF JOINT INVENTOR 8: DON P. SMART

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: NASHUA, NH

CITIZENSHIP: USA

POST OFFICE ADDRESS: 100 TENNYSON AVENUE, NASHUA, NH 03062-2535

FULL NAME OF JOINT INVENTOR 9: EDWARD C. SMITH

INVENTOR'S SIGNATURE:  \_\_\_\_\_

DATE: 7-22-02

RESIDENCE: OCEANSIDE, CA

CITIZENSHIP: USA

POST OFFICE ADDRESS: 1724 SOUTHRIDGE WAY, OCEANSIDE, CA 92056

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AND POWER OF ATTORNEY

Navy Case 78,824

FULL NAME OF JOINT INVENTOR: ALAN J. TYLKA

INVENTOR'S SIGNATURE:

*Alan J. Tylka*

DATE: 7/15/2002

RESIDENCE: SILVER SPRING, MD

CITIZENSHIP: USA

POST OFFICE ADDRESS: 13713 CREEKSIDE DRIVE, SILVER SPRING, MD 20904

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